HW1

1. Zförztis, lognormul-tiz

2. H3m3 (or Reflection, Diffraction, Scattering),
Rayleigh 42 (No Los) / Riciam 42 (Yes Los)

3. fe 1. 对别中心告告中,对多年到一部十

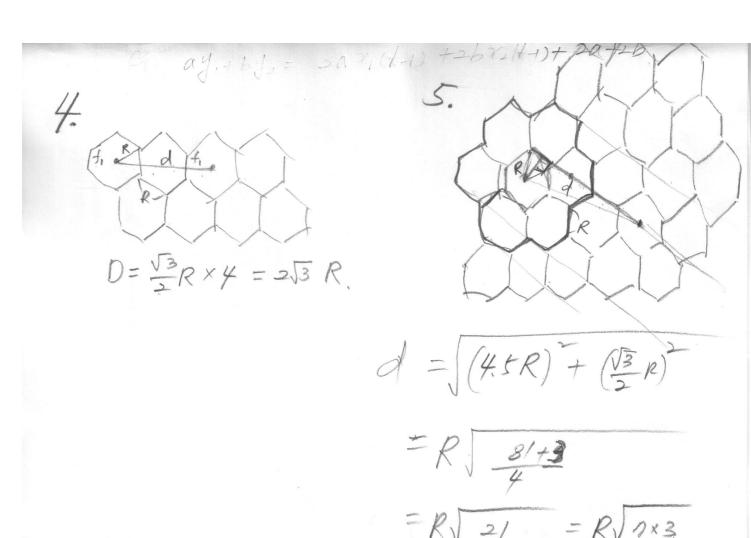
6: formax = 2 fe aso.

1) formy = \frac{1 \times 6 \times

11) form = \frac{1\times 100 \times 100 \times 100 \times -46.3 Hz

\frac{1}{8} = 99989999442

ii)  $P_r = \frac{P_t}{10^{10}} = \frac{100 \times 10^3 \times 10^0}{10^{10}} = \frac{1 \times 10^{11}}{10^{11}}$ 



8. i) 
$$d=2$$
.  $L_p \propto d^2 - J_p = kd^2$ .  $(k: 4)24/35)$ 

$$L_p = kd^2$$
,  $L_p = k(2d)^2$ .
$$L_p = 44 \rightarrow 6dB \stackrel{?}{=} 21$$
.